



Regional Climate and Energy Initiatives

OVERVIEW

Jeff King

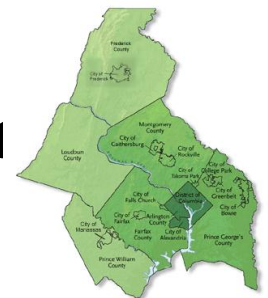
Department of Environmental Programs

Metropolitan Washington Council of Governments

March 31, 2011

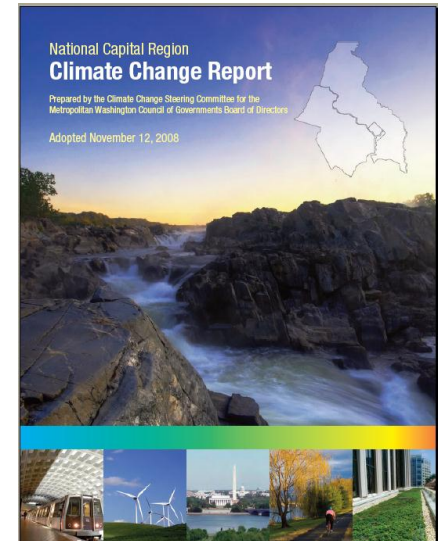


Metropolitan Washington
Council of Governments

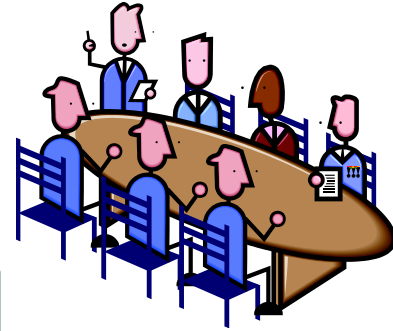


Background on COG's Climate and Energy Programs

- **Climate Change Roundtable => Climate Change Steering Committee (CCSC)**
- **CCSC Publishes November 2008 Climate Change Report**
- **COG Board Action Establishes Climate Energy and Environment Policy Committee (CEEPC)**
- **CEEPC Develops 2010 – 2012 Climate and Energy Action Plan (Jan 2010)**
 - Collaboratively established Performance Measures, Responsible Parties, Completion Target Dates for each of the appropriate recommendations
 - Includes Goals for Government, COG, and Community/Businesses
- **Local Partners and Supporting Committees Actively Engaged**



CEEPC Membership



COG Members - 25

1 Elected Official per
COG local government

+

1 Additional elected
Official for:
District of Columbia (Mayor)
Fairfax County
Montgomery County (Exec)
Prince George County (Exec)

Stakeholders - 17

Federal/Regional Agencies
- 4

Electric & Gas Utilities - 3
Environmental Community -
3

Business Community - 3
Academic Community – 3

+ Chair, Air Quality Public
Advisory Committee

State Government - 13

MD, VA Senate + House
State Environment,
Energy, Transportation
Directors

Regional*

Transportation Planning Board

Metropolitan Washington
Air Quality Committee

WMATA Board of Directors

* Added if not represented by COG members.



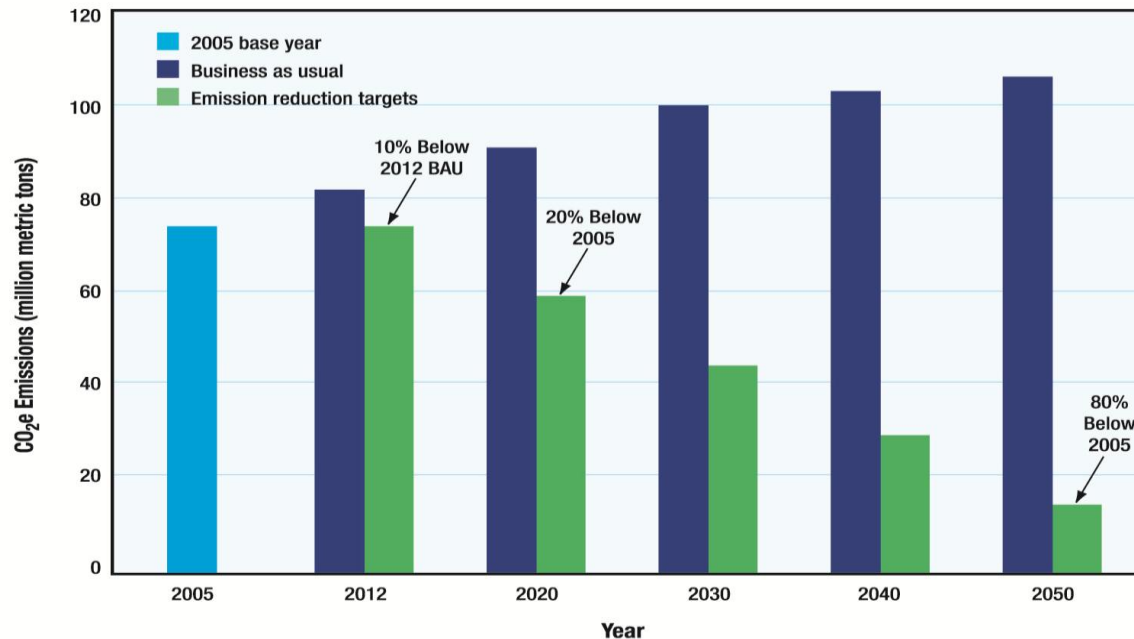
Adopted Regional Reduction Goals

2012: Return to 2005 Levels

2020: 20% Below 2005

2050: 80% Below 2005

Recommended Regional Greenhouse Gas Emission Reduction Targets Compared to Regional Greenhouse Gas Emissions Under BAU: 2005–2050



COG Targets

- 2012: 10% below BAU
- 2020: 20% below 2005 levels
- 2050: 80% below 2005 levels



2010-2012 Climate/Energy Action Plan

Local Government Actions

By 2012, COG-Member Local Governments:



Green Building Policy



**Efficient Street Light
Deployment**



Use 10% Renewable Energy

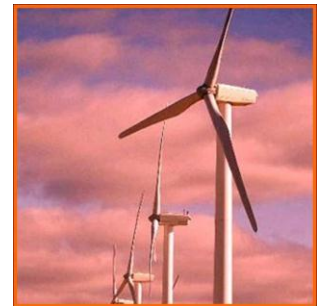


Use 10% less energy



Climate and Energy Supporting Committees and Workgroups

- **Energy Advisory Committee (EAC)**
- **Intergovernmental Green Building Group (IGBG)**
- **Air & Climate Public Advisory Committee (ACPAC)**
- **Transportation Planning Board (TPB)**
- **Street Light Working Group**
- **Integrated Community Energy Solutions Expert Task Force**
- **Electric Vehicle Infrastructure Forum**
- **Energy Finance Subcommittee**
- **Utility Data Collaborative**
- **Cooperative Procurement Initiatives**



Energy Initiatives

- **Energy Efficiency Outreach Campaign**
 - Wise Energy by Capital Area Neighbors (WECAN)
- **Integrated Community Energy Solutions**
 - Request for Proposals – local policy assessment, development of business case
 - Support for procurement, environmental benefit analysis
- **Bundled Procurement of Solar**
 - Government, Military, Higher Ed



More Energy Initiatives

- **Annual Cooperative Utility Data Collection**
 - Consumption by sector, Installed renewable systems, Green power purchase
- **Database of Energy Contracts**
- **Green Building Efforts**
 - Support for International Code Council 30% Solutions (strengthen building codes)



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WiSe Energy by Capital Area Neighbors (WE CAN) is a community energy challenge brought to you by the Metropolitan Washington Council of Governments (COG). WE CAN will help you learn how to save energy in your home so that you can save money on your utility bills and earn rewards redeemable at local and national retailers!

**Community Energy
Challenge Pilot**



Sign up today!

**Save Money!
Save Energy!
Earn Rewards!**

[Households](#)
[WE CAN Challenge Pilot](#)
[Business](#)
[Energy Kits](#)


Featured Tips & Actions



**Replace 60W Light Bulbs with
13W CFLs**

13W CFLs use over 78% less energy than standard 60W incandescent bulbs. That means you can power ...

[View More Tips](#)

WE CAN on Twitter

"Measuring "MPG" for your home- use the Department of Energy's Home Energy Score to see how your home performs:... <http://fb.me/Lh03zS49>"

"Come to the WE CAN Home Energy Workshop in Brookland! Tuesday, November 16, 7pm, Turkey Thicket Rec Center, 1100 Michigan Ave NE"

[Follow on Twitter](#)

Community Spotlight



"The Brookland True Value Hardware store is proud to be a WE CAN partner and to sponsor sustainability in the Brookland neighborhood." – Howard Politzer, President.

[Brookland True Value Web Site](#)

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WE CAN Home Energy Challenge News Update

Wise Energy by Capital Area Neighbors

February 2011

WE CAN Tip

Energy and water efficient shower heads are available that use up to five fewer (5) gallons per minute than older models and will significantly reduce the amount of energy your household uses to heat water. Even if heat and hot water are included in your rent, you're still benefiting the planet by helping to reduce energy demand.

Quick Link:
[Sign Up Now](#)

Maryland's Tax Free Weekend for Certain Energy Star Products

Marylanders will get a break from the state's 8% sales tax on qualifying ENERGY STAR products from Feb. 19-21. During Shop Maryland Energy weekend, the following Energy Star products are tax free:

- Air conditioners
- Clothes washers and dryers
- Furnaces
- Heat pumps
- Boilers
- Solar water heaters (tax-exempt at all times now)
- Standard size refrigerators
- Dehumidifiers
- Programmable thermostats
- Compact fluorescent light bulbs

For more information, visit the [Comptroller of Maryland website](#)

Find a low-flow showerhead in your free energy savers kit

Want to save energy and water at the same time? Your low-flow showerhead, faucet aerator awaits! Find these items and much more in your free energy savers kit!

If you haven't created an account on the WE CAN website, sign up at [www.WeCanSaveEnergy.org](#). Just bring your confirmation email to pick up your kit. To find where to pick up your kit go to About WE CAN at [www.WeCanSaveEnergy.org](#).

Limited to one kit per household, while supplies last.



UPCOMING EVENTS

Prince Georges Green Power Coalition Forum: Building Innovative Green Communities

Date: Tuesday, February 22, 2011

Time: 6:45pm - Refreshments, 7 - 9pm - Program

Location: Greenbelt Community Center, Multipurpose Room, 2nd Floor, 15 Crescent Road, Greenbelt, MD 20770

Building Innovative Green Communities will offer practical solutions for creating sustainable neighborhoods, including a green business incubator, a community solar co-op, and the first complete green street in Maryland. Speakers include Dennis Chesnut, Executive Director of Groundwork Anacostia River DC; Lore Rosenthal, Greenbelt Climate Action Network; and, Adam Ortiz, Mayor of Edmonston, MD.

Prince George's Green Power Coalition is comprised of concerned residents, green business leaders, unions, youth and environmental groups plus other community groups who are dedicated to making Prince George's County a better place to live and work by creating a healthier community with a strong sustainable economy.

This Event is sponsored by: Prince George's Green Power Coalition, Green reVisions, Greenbelt Climate Action Network (a project of CHEARS.org), Groundwork Anacostia River DC, Sustainable Maryland Certified, and Coalition for Smarter Growth.

RSVP: Though RSVPs are not required, we would appreciate knowing you plan to join us.

For more information, contact Green Power co-chairs:
Lisa Lincoln, 301-642-3135, [lisa.l@lincoln.org](#)
Marko Bennett, 301-741-3445, [markobennett@gmail.com](#)

Contact the WE CAN team

[WeCanSaveEnergy@mwco.org](#)
202-962-3245

Please help us spread the word about WE CAN!

Please forward this newsletter to your community contacts. Thank you for your continued support.



A friendly energy savings competition—help Cascades!

KILL A WATT MONITORS IN ACTION



Find the Kill A Watt monitor in your free energy savers kit and explore all of the electronics in your home!

In just a few quick moments I found that my toaster draws nearly 900 watts of power to make my English muffin crispy in the morning, and it still draws power when it's done toasting but left plugged in.

I confirmed that my CFL bulbs drew only about one-third of the power of an equivalent incandescent bulb in the same lamp. I changed the power settings on my computer so that it wouldn't go to sleep while I slept. It drew 0.1 kWh across nine hours. That may only be 3 kWh a month, but I'm thinking about how much it adds up to when I leave other electronics on overnight, too.

Want to find out how much energy your gadgets use? Curious about which of your appliances draw power when you've turned them off, or you're not using them? Your Kill A Watt monitor awaits!

Visit the **Lowes Island Community Center** to pick up your energy savers kit. If you haven't created an account on the WE CAN website, sign up at [www.WeCanSaveEnergy.org](#). Just bring your confirmation email to pick up your kit.

Surprised by your results? Share what you've learned with neighbors by sending your findings to [WeCanSaveEnergy@mwco.org](#). Checking out the energy use in your household could be an exciting way to help teach your children about electricity use.

Thank you for your support. Contact WE CAN at [WeCanSaveEnergy@mwco.org](#) or (202) 962-3245.



Other Areas of Work

- **Mid Atlantic Sustainability**
 - Helped launch the Mid Atlantic Sustainability Collaborative with EPA Region III
 - Philadelphia, Pittsburgh, Wilmington, Baltimore, metro DC, Hampton Roads, Richmond
 - Working with Chesapeake Crescent Initiative (CCI) Energy Task Force
 - Achieve embedded community values; demonstrate demand; pursue regional energy financing authority; standardize
- **Multipollutant : Interface with National Ambient Air Quality Standards and SIP Development**
- **Advocacy (federal and state)**
 - e.g., PACE, EECEBG



For Additional Information

CEEPC Home Page

http://www.mwcog.org/committee/committee/default.asp?COMMITTEE_ID=250

Region Forward

<http://www.regionforward.org/>

WE CAN

<http://www.wecansaveenergy.org/>

Energy Contracts

<http://www.mwcog.org/members/editcontracts/search.asp>

Clean Energy Cooperative Procurement

<http://www.epa.gov/greenpower/cecp/washington.htm>

Other Committee Websites (EAC, IGBG, Street Lights, Task Force, etc)

<http://www.mwcog.org/committee/>

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